

Customer	ALUMINIUM EXTRUDER
Site	UK
Area	WAREHOUSE
Date	24 November 2020
Pence per KWH	0.1200p



Current

Fittings	Quantity	Wattage per fitting	Total kw	Price per kwh	On time (hrs per day)	days per year	annual kwh usage	Cost per month
4X80W T5 HIGH BAY	128	344	44.032	£0.120	21.17	360	335576.678	£3,355.77
totals							335576.678	£3,355.77

Solution

Fittings	Quantity	Wattage per fitting	Total kw	Price per kwh	On time (hrs per day)	days per year	annual kwh usage	Cost per month
LED LINEAR	128	180	23.04	£0.120	21.17	360	175592.448	£1,755.92
totals							175592.448	£1,755.92
Saving per month								£1,599.84
Saving per annum								£19,198.11
Saving over 3 years								£57,594.32
% Saving								47.7%
Goods								£13,862.23
Labour								
Maintenance Saving								
Total								£13,862.23
Pay back time in months								8.7

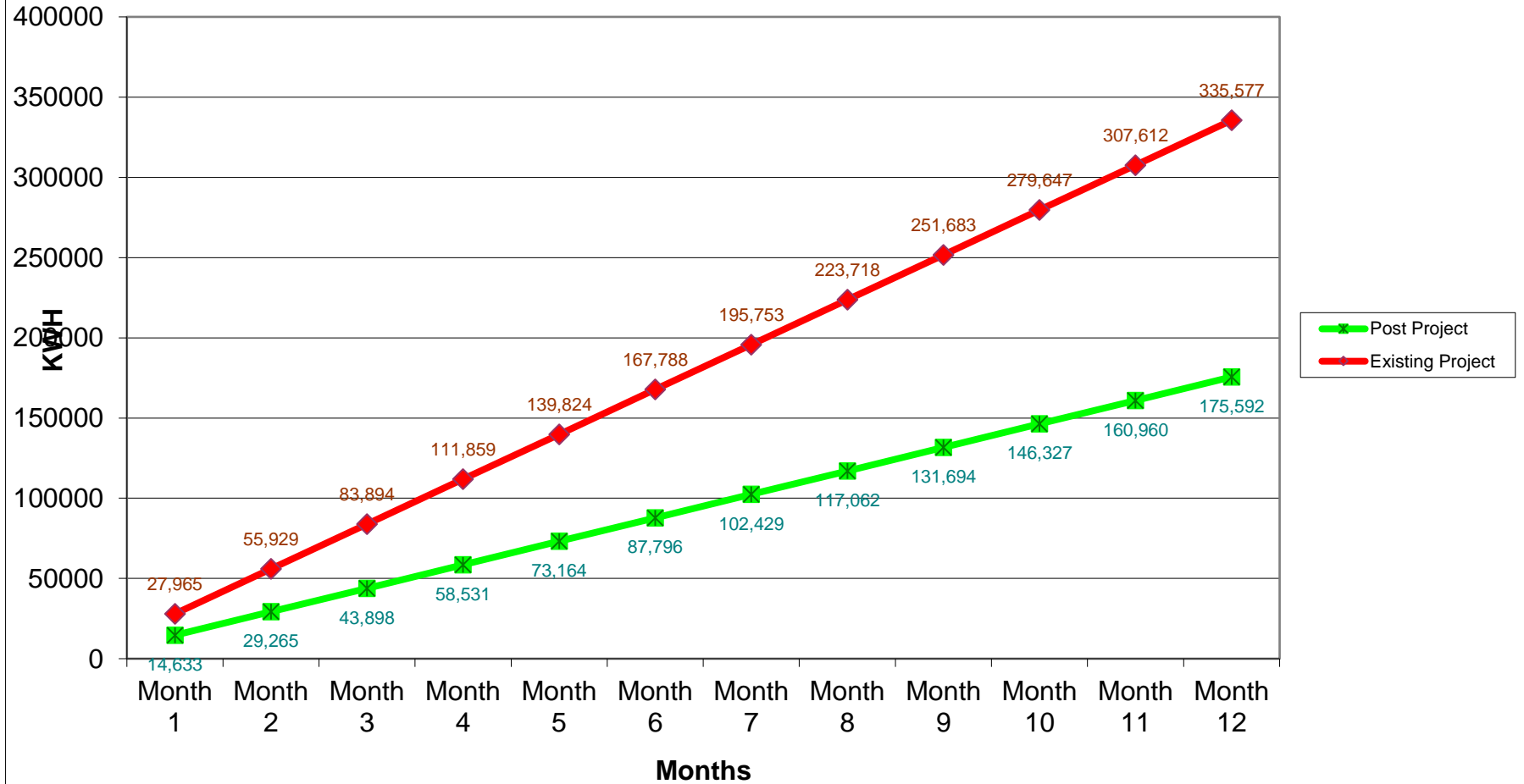
Customer	ALUMINIUM EXTRUDER										
Site	UK										
Date	24/11/2020										
	Name	Current cost	Current kwh annual usage	Solution cost	Cost of solution	Solution kwh annual usage	kwh saving per year	Saving per month	Saving £ per annum	Saving over 3 years	Pay back time months
Area 19											
Area 20											
Area 21											
Area 22											
Area 23											
Area 24											
Area 25											
Area 26											
Area 27											
Area 28											
Area 29											
Area 30											
Misc	ECA ADJUSTMENT				-£2,911.07						
Totals		£3,355.77	335,577	£1,755.92	£13,862.23	175,592	159,984	£1,599.84	£19,198.11	£57,594.32	6.85

Scheme Analysis



Percentage Saved (£'s, kWh, Carbon)	47.7%
Cost of Equipment	£13,862.23
Labour Costs	
Payback Period in Months	6.85
Monthly Savings	£1,599.84
Carbon Savings-Tonnes per Annum	10.172
CO2 Savings-Tonnes per Annum	37.298
Enhanced Capital Allowance	-2,911.07

KWH Consumption Chart



Carbon Usage Comparison

